

An aerial photograph of a coastal area, likely a port or industrial zone. The water is a deep blue, and the land features various structures, including large white cylindrical tanks, buildings, and a dock with a ship. In the foreground, there's a residential area with houses and a parking lot. The overall scene is a mix of industrial and community development along the coast.

**VIRGINIA COASTAL RESILIENCE MASTER PLAN  
PHASE ONE, DEC 2021**

# **PlanRVA Environmental TAC**

**April 19th, 2022**

**Matt Dalon, PE CFM**

**Program Manager, Virginia Coastal Resilience Master Plan**

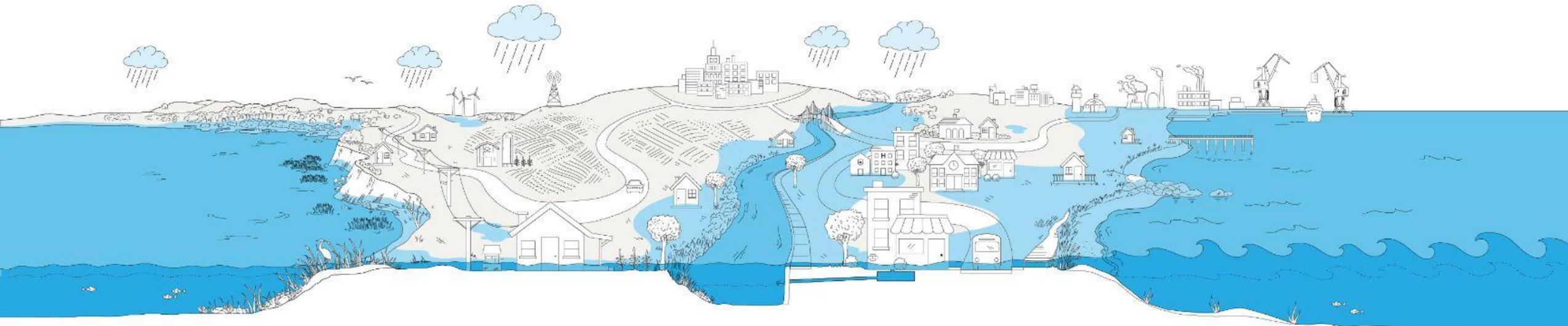
**[matt.dalon@dcr.virginia.gov](mailto:matt.dalon@dcr.virginia.gov)**



# Meeting Outline

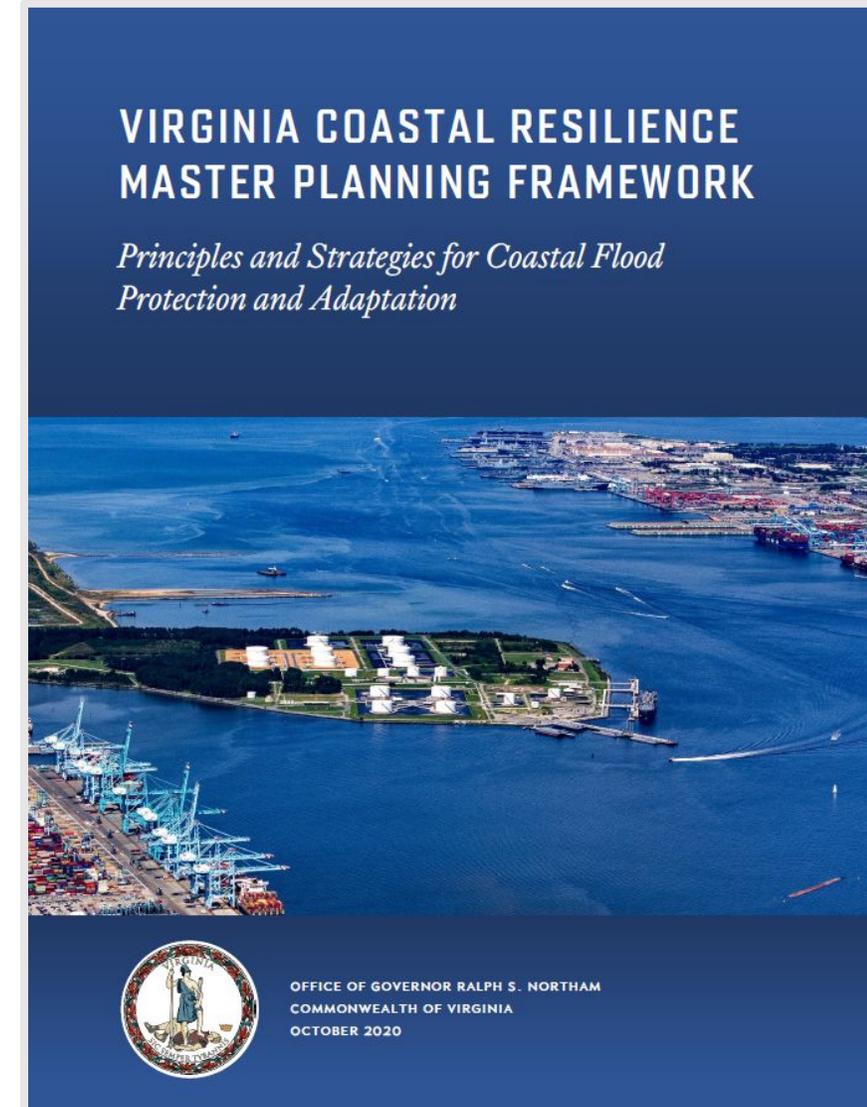
- Overview of the Coastal Resilience Master Plan
- Coastal Resilience Web Explorer Demo and Data
- Future Flood Resilience Planning Efforts

# Why This Plan?



# Goals

1. Identify and prioritize projects to **increase the resilience of coastal communities**, including both built and natural assets at risk due to flooding and sea level rise
2. Establish a **financing strategy**, informed by regional differences and equity considerations
3. **Incorporate and promote climate change projections** into Commonwealth's programs addressing coastal adaptation and protection
4. **Coordinate state, federal, regional, and local** coastal region adaptation and protection efforts



# What We've Done



# Virginia Coastal Resilience Master Plan



[dcr.virginia.gov/crmp/](https://dcr.virginia.gov/crmp/)

# Data and Resources

Virginia Coastal Resilience Master Plan Website

[dcr.virginia.gov/crmp/](https://dcr.virginia.gov/crmp/)

Coastal Resilience Web Explorer

[dcr.virginia.gov/crmp/ResilienceExplorer](https://dcr.virginia.gov/crmp/ResilienceExplorer)

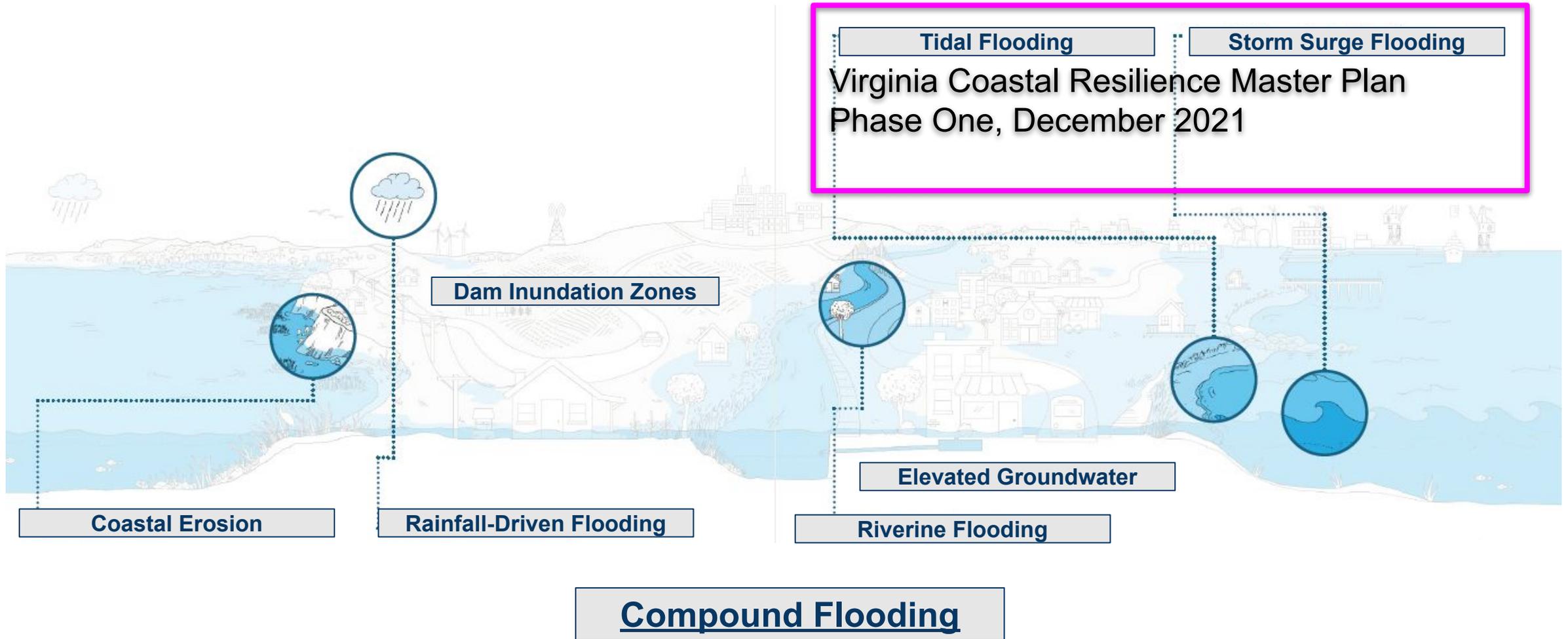
Open Data Portal

<https://crmp-vdcr.hub.arcgis.com/>

Web Map Server

<https://vacrmp.dewberryanalytics.com/arcgis/rest/services>

# What's Next



# Master Plan Centralized Survey Results

## Flood Hazard Priority by Master Planning Region

Hampton Roads (HRPDC)	Rural Coastal (NNPDC, MPPDC, A-NPDC)	Fall Line South (Crater PDC, PlanRVA)	Fall Line North (NVRC, GWRC)
<ol style="list-style-type: none"> <li>1. <b>Rainfall-Driven Flooding</b></li> <li>2. Storm Surge Impacts</li> <li>3. Tidal Flooding</li> <li>4. Riverine Flooding</li> <li>5. Coastal Erosion</li> <li>6. Groundwater Impacts</li> </ol>	<ol style="list-style-type: none"> <li>1. <b>Rainfall-Driven Flooding</b></li> <li>2. Tidal Flooding</li> <li>3. Coastal Erosion</li> <li>4. Storm Surge Impacts</li> <li>5. Groundwater Impacts</li> <li>6. Riverine Flooding</li> </ol>	<ol style="list-style-type: none"> <li>1. <b>Rainfall-Driven Flooding</b></li> <li>2. Riverine Flooding</li> <li>3. Tidal Flooding</li> <li>4. Storm Surge Impacts</li> <li>5. Coastal Erosion</li> <li>6. Groundwater Impacts</li> </ol>	<ol style="list-style-type: none"> <li>1. <b>Rainfall-Driven Flooding</b></li> <li>2. Riverine Flooding</li> <li>3. Coastal Erosion</li> <li>3. Tidal Flooding</li> <li>5. Storm Surge Impacts</li> <li>6. Groundwater Impacts</li> </ol>



# HB516/SB551

- Dec 2022 - Community Outreach and Engagement Plan
- July 2023 - Status of Flood Resilience in the Commonwealth Report
- Dec 2024 - Virginia Coastal Resilience Master Plan Update
- July 2025 - Status of Flood Resilience in the Commonwealth Report
- Dec 2026 - Virginia Flood Protection Master Plan

# QUESTIONS

Email Questions and Comments to  
[flood.resilience@dcr.virginia.gov](mailto:flood.resilience@dcr.virginia.gov)



Meeting Request Form:

<https://www.dcr.virginia.gov/crmp/meeting-request.php>

Flood Resilience Planning ListServ Signup:

<https://www.dcr.virginia.gov/signup>